

Serial No. 09/374,967
Group Art Unit 1638

p3 32. A transformed plant having stably incorporated into its genome at least one nucleotide sequence of claim 77; wherein said sequence is operably linked to a promoter that drives expression in a plant.

p4 45. The transformed seed of the plant of claim 32.

Please add new claims 77-81 as follows:

77. An isolated nucleotide sequence selecting from the group consisting of:

- a) a nucleotide sequence encoding a maize polypeptide having GDP-mannose pyrophosphorylase activity;
- b) a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:2;
- c) a nucleotide sequence set forth in SEQ ID NO:1; and
- d) a nucleotide sequence having at least 90% identity to a nucleotide sequence of a), b), or c) having GDP-mannose pyrophosphorylase activity.

p5 78. The isolated nucleotide sequence of claim 77 wherein the nucleotide sequence encodes a maize polypeptide having GDP-mannose pyrophosphorylase activity.

79. The isolated nucleotide sequence of claim 77 wherein the nucleotide sequence encodes the amino acid sequence of SEQ ID NO:2.

80. The isolated nucleotide sequence of claim 77 wherein the nucleotide sequence is set forth in SEQ ID NO:1.

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81. The isolated nucleotide sequence of claim 77 wherein the nucleotide sequence has at least 90% identity to a nucleotide sequence of a), b), or c) having GDP-mannose pyrophosphorylase activity.